

# BRICKS PIECES

The Official Magazine of the LEGO® Club Summer 1986





# PRESIDENT'S LETTER



## Dear Member,

This issue of our Club Magazine has a rather new look. More colourful, more lively, more interesting, we believe. We wonder what you will think of it?

Why not write and tell us your views. Which 2 or 3 pages or articles do you like best - and which ones least?

Remember it is **your** magazine so we can make it the way you want it. Just tell us, and if there is general agreement in several letters we will try to change things to suit you.

Personally, I think the magazine looks great, but I am sure that Sue Lister who edits it will be much more interested in your views than in mine, so why not drop her (or me) a line?

We look forward to hearing from you.

Best wishes

Clive Nicholls  
Club President

Bricks 'n Pieces Magazine

Editor Sue Lister

Reporters Meryl Haggarty, Shân Ryder

The LEGO Club

Wrexham, Clwyd LL13 7TQ.

0978 266949.

### Cover photograph

shows the co-ordinate plotter from the new **LEGO TECHNIC** control range for use in schools. See above for more details.

## ■ COMPUTER ■ ■ CONTROLLED SETS ■ ■ FOR SCHOOLS ■

Just imagine being able to build a complex working model that is controlled by computer!

There are some new sets available this September which do just that - but only for use in schools.

They have been specially developed for the **LEGO Educational Division** which offers sets to teachers as part of a Control Technology Course, complete with software and a specially developed interface.

This whole exciting development has been fully tested in schools and our picture show some of the things students have worked on.

It is amazing what this combination of computers and **LEGO** bricks can do. Perhaps you should ask your teacher if he or she knows about it. (They can get full details from **LEGO Educational Division** at Wrexham).

1 Kate and Rebecca manually control their **LEGO** plotter to calculate the orders needed for the computer programme.

2 "Persil B" is a washing machine developed by Dan, Peter and Stephen. The model doesn't look very exciting perhaps, but what it does is fantastic. It has a 2-speed drum for wash or spin cycles. A second motor alters the gearing automatically to change from one speed to the other and a safety cut-out stops the cycle as soon as the door is opened.

*Competition*  
**WIN**  
**YOUR OWN**  
**COMPUTER**



### 1st PRIZE

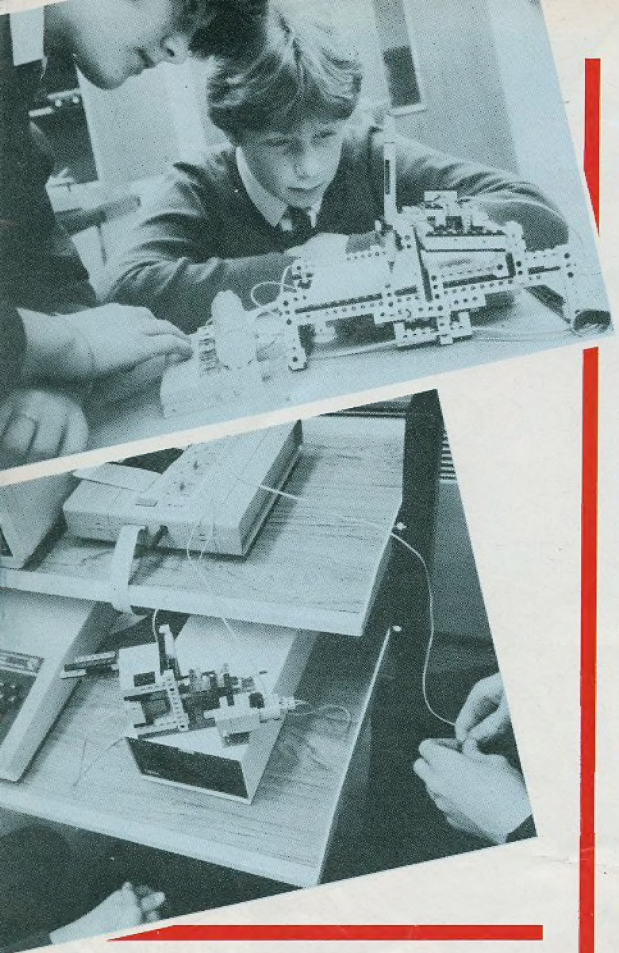
**Sinclair Spectrum ZX with Robotek interface unit**

Make & Program your own Robot Book

**LEGO TECHNIC Kits** 8050, 8710, 1175, 1104

Prizes sponsored by Beaver Books





# ■ COMPUTER ■ CONTROLLED MODELS ■ FOR YOU ■

If you like the sound of the computer controlled model sets designed for schools, described opposite, then you may like to know you can build your own at home too. There is a book available called "**Make & Program your own Robots**" by William Clark, which tells you how to go about it.

This book shows you how, by using your **LEGO TECHNIC** sets and a home computer you can build and control several fascinating machines in just a few hours.

Step by step instructions are included for 7 projects including, a walking android, a whirly plotter, and a robot arm. The kits needed to start you off are the **TECHNIC set 8050** and supplementary **box 8710**. As you progress through the book you will need additional motors and parts which are available from the **LEGO Spares Service** in Wrexham.

Simple programs are included in the book so that you can control the robots. You don't need any electrical or computer skills to start but once you've made the models in this book you'll be able to develop fantastic

robots of your own.

The book is available in shops, or you can order it direct from the printer by using the enclosed insert.



Here is your chance to win a **Spectrum ZX Computer** AND a **Robotek interface unit** along with a bumper **LEGO TECHNIC collection** and a book containing all the instructions needed for you to build and control your own machines and robots.

As well as this great first prize we have 20 runner-up prizes of packages of "**Make & Program your own Robots**" Book and **LEGO TECHNIC Set 8050** to win.

To win one of these prizes we want you to:-

**1**

Design a machine that can automatically feed your Pet and which could be computer controlled.

**2**

Explain what orders you would give to the machine in order to operate it.

Send us your photos and/or drawings of your machine with notes of the instructions to make it work.

Make sure your photos and drawings are clear as our model makers will be building and testing the winning entries to make sure your pet won't be going hungry.

Send your entry to:

**The LEGO Club  
Wrexham  
Clwyd LL13 7TQ  
before August 22nd.**

## REMEMBER

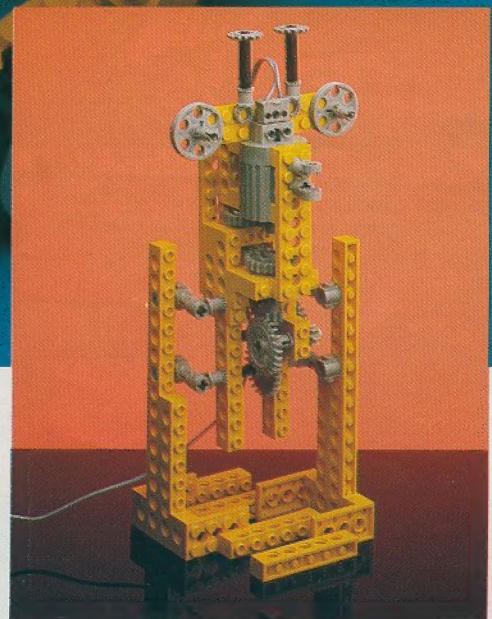
to mark everything with your name, address and age.

The winners will be announced in the autumn edition in October and the winning entry will be built and reviewed in the Spring 1987 edition.

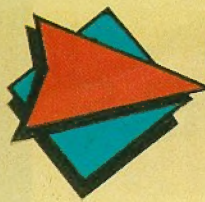
**GOOD  
LUCK**

▲ **Whirly Turtle** - uses parts from 8700 and 8710 - can be programmed to draw circles, squares, and stars.

▲ **Walking Android** - uses just one motor and parts from kit 8700 and 8710.

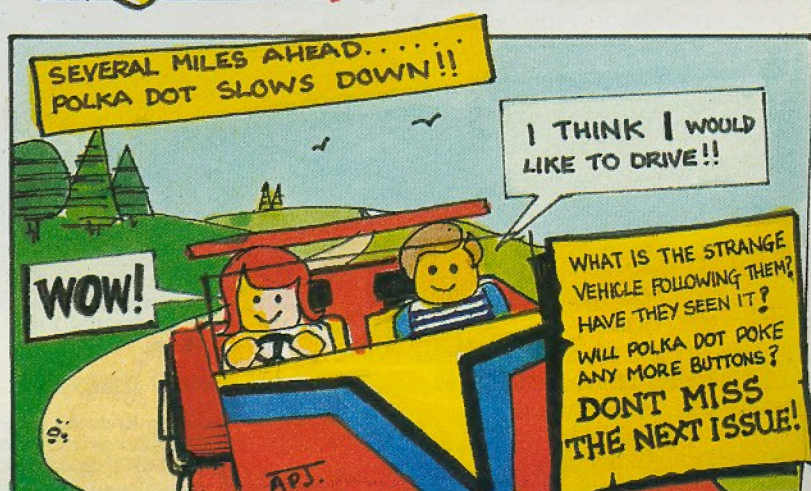
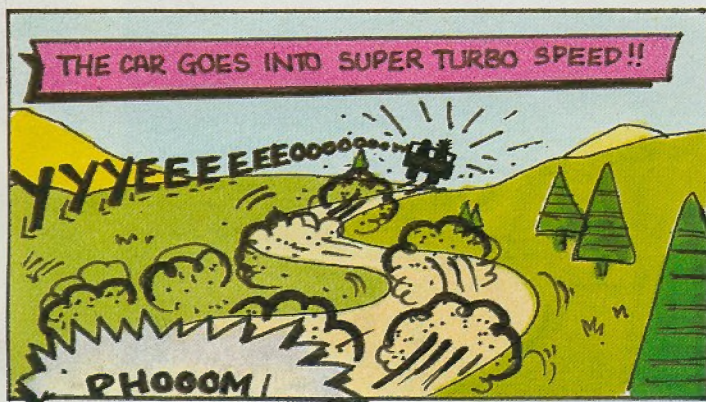
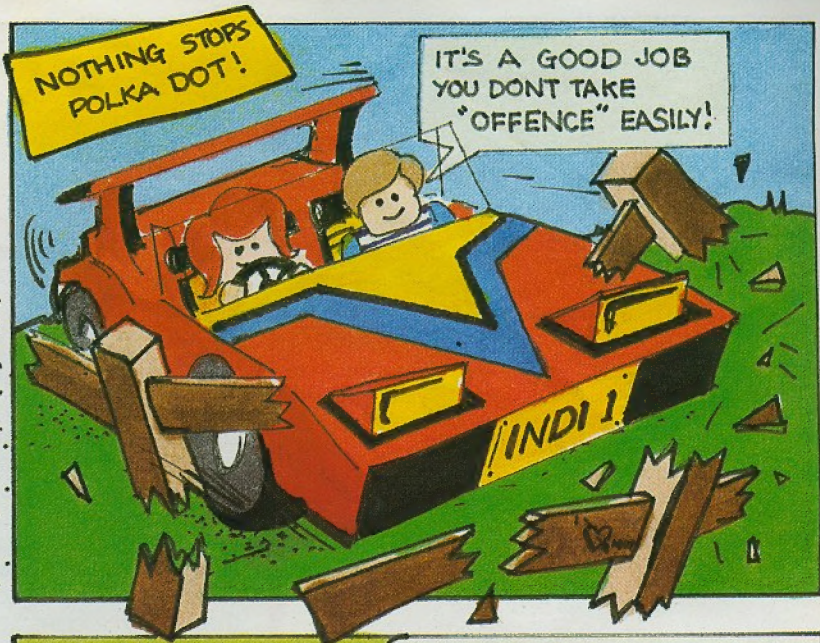
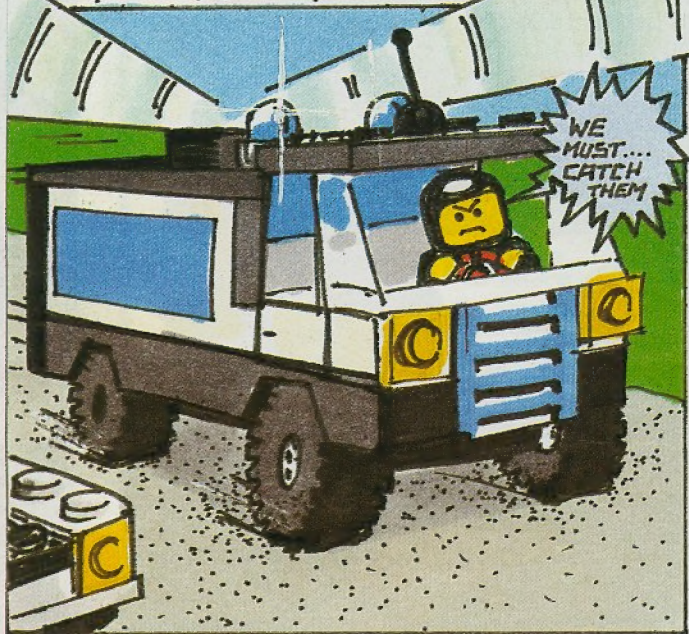






# CAPTAIN INDIGO

POLKA DOT HAS FREED CAPTAIN INDIGO FROM THE PRISON AND THEY ARE BOTH ESCAPING IN THE INDIGO TURBO!!





# Building

# BLG

SEE  
PAGE 10  
FOR A  
SPECIAL OFFER  
FOR CLUB MEMBERS  
VISITING THE

**Legoland  
PARK**

Two years of concentrated work, one and a half million **LEGO** bricks, and **LEGO** Sculptor, **Bjorn Richter**. These are the ingredients used for the latest new addition to the **LEGOLAND** Park, a giant figure built entirely from **LEGO** Bricks - of **Sitting Bull**, the famous Red Indian Chief - will be in position overlooking the **LEGOREDO** village when the 1986 season begins on May 1st.

**Bjorn Richter** is already known for his previous creations in the **LEGOLAND** Park which include the huge Mount Rushmore model showing the faces of American Presidents. Bjorn decided to build **Sitting Bull** as this will be the first monument in the world to this great Indian Chief who was the last rebel against the suppression of the Indian people and a great fighter for peace.

The model was built in yellow bricks but it will be painted stone colour before going on display on a plateau overlooking **LEGOREDO** village. The finished model, which will have a feather headdress will stand 14 metres tall and weigh just over half a ton.

Club Members lucky enough to visit the **LEGOLAND** Park this summer can also see a special exhibition on Red Indians.



## Tommy Tortoise AND HIS **LEGO** LEG

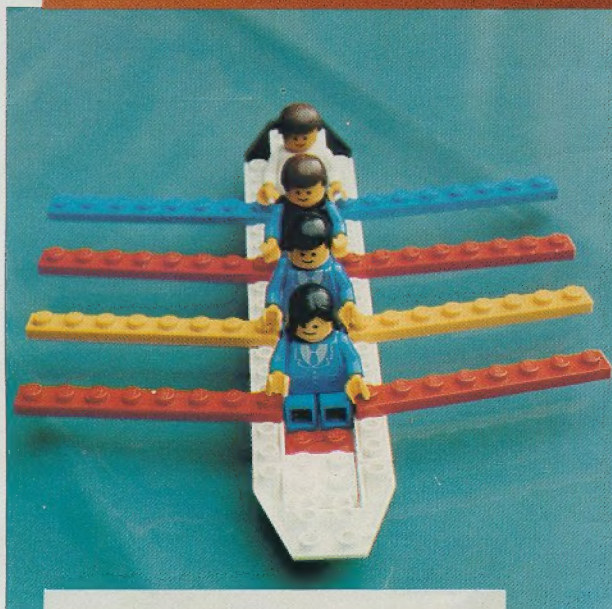
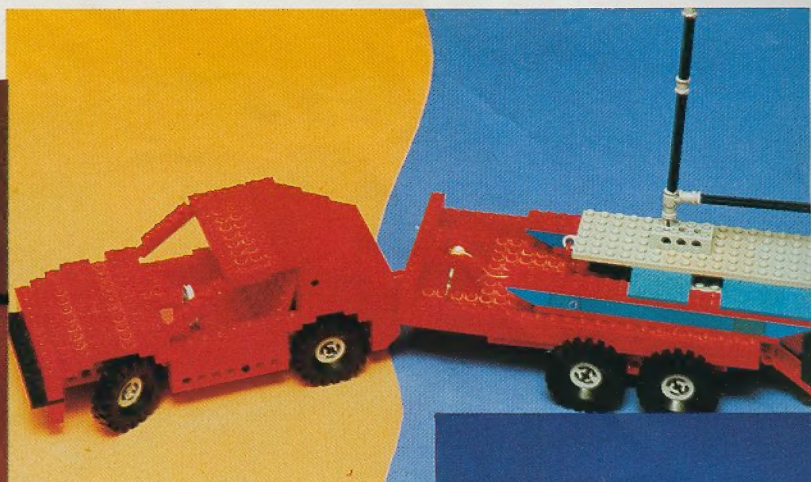
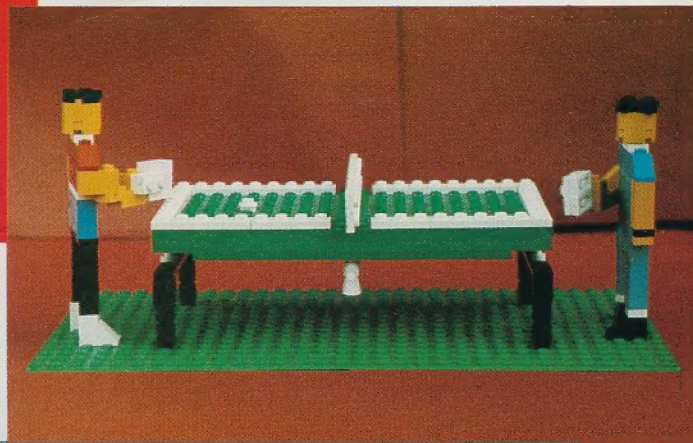


Thank you **Andrew Ware** from **Pymstock, Plymouth** for writing in with a story he had seen on his local television.

After the tortoise had crushed his leg in a door, the vet attending to him decided to amputate the leg and replace it with a **LEGO** plate and wheel. After the operation **Tommy** was able to move along really fast with his **LEGO** leg.

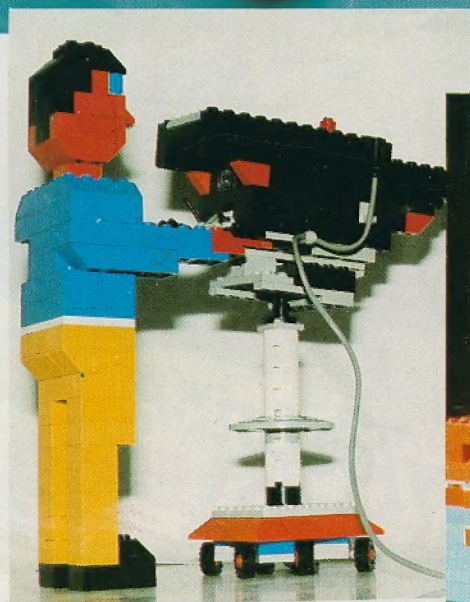
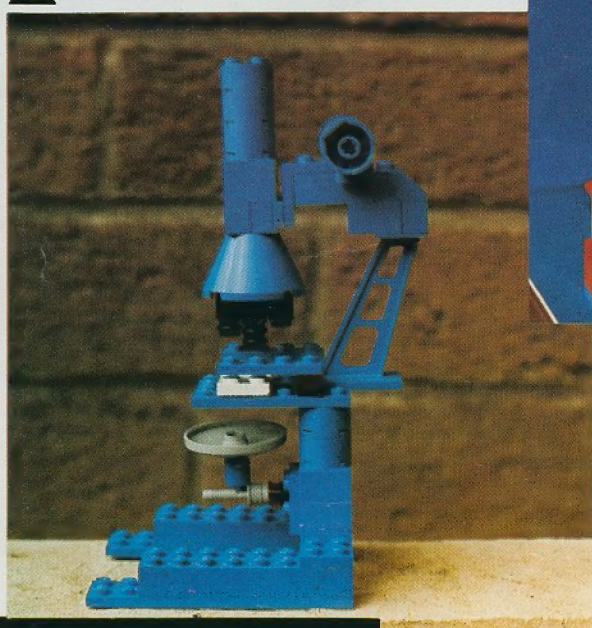
**Tommy's** owner has been given a breakdown kit in case the tearaway tortoise needs a wheel change.





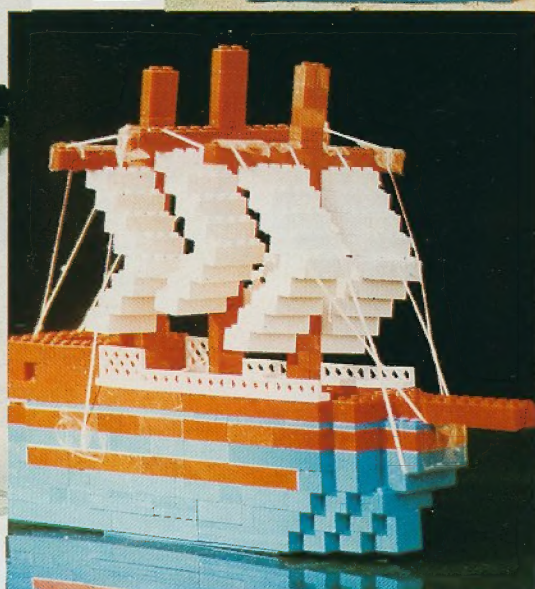
1

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4

6



2



A "Golden" Master Builder members whose models are a photograph of a special model and how you built it, are Master Builders if your model is made of Bricks.

# Award Winners

6

**1 William Hartley**  
age 12 - from Preston had the idea for this model after getting a table tennis set as a present.

**2 Philip Welding**  
age 8 - from Leicester built this model of a ship after he had seen one on T.V.

**3 David Bickers**  
built this very well designed model. The road lifts up to let the ships pass through and is powered by his LEGO pneumatic kit.

**4 Max White**  
age 5 - a super little model from Max.

**5 Luke Perry**  
built this model of a car and trailer after visiting the 1985 Motor Show. Luke's car has working steering and a 1-cylinder engine.

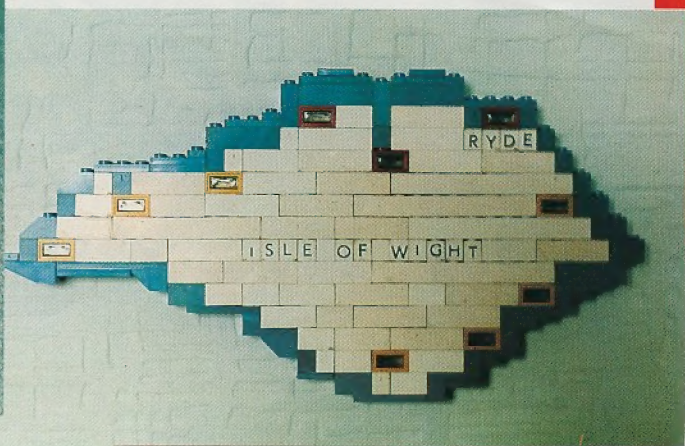
**6 Richard Stuart**  
age 9 - based this model on his own real microscope.

WELL DONE TO ALL





8



13

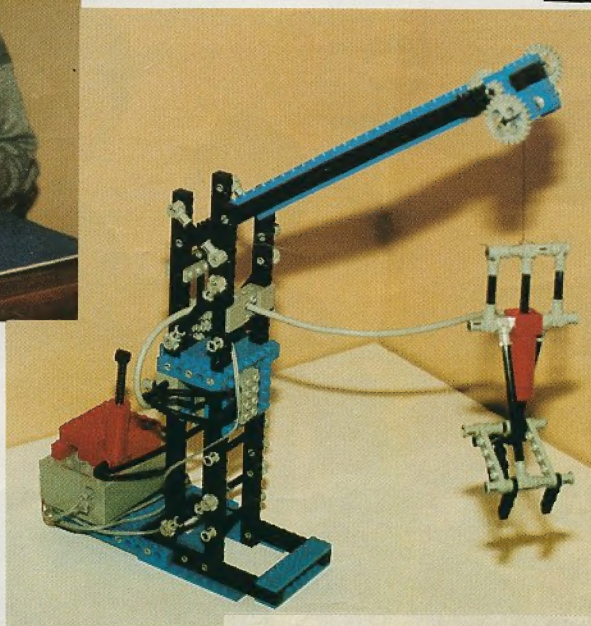


**GO**  
**ster**  
**der**  
**ARDS**  
**IMER**  
**86**

Badge goes to each of the  
e shown here. If you have a  
del, send it in telling us why  
you too could become a  
is shown in the next issue of  
Pieces.

**7 Jonathan Hague**  
age 8 - sent us this model of  
a punt going under a  
bridge on the River Cam.

**8 Barry Littlemore**  
age 9 - thought he would  
build this model of a  
'Houseboat' after passing  
some on the River Thames.



10



**9 John Hutton**  
age 12 - a beautiful model,  
beautifully photographed.

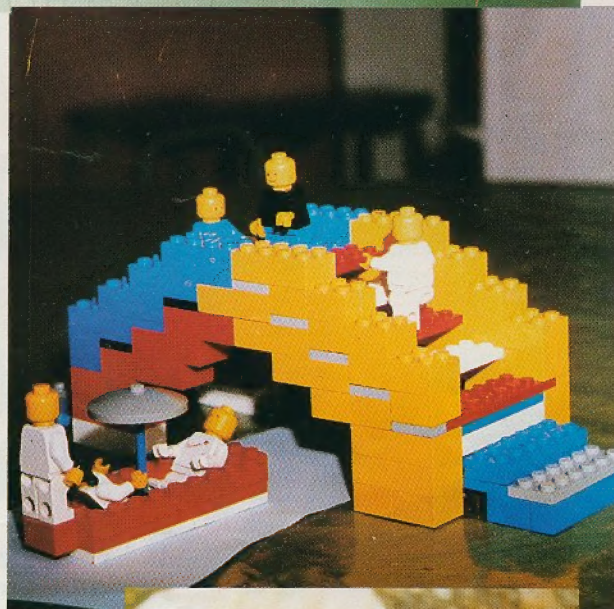
**10 Jamie Shelton**  
model of a crane is  
motorised and stands 30cm  
tall. It has a pneumatic grab  
and can carry a maximum  
weight of 1/2lb.



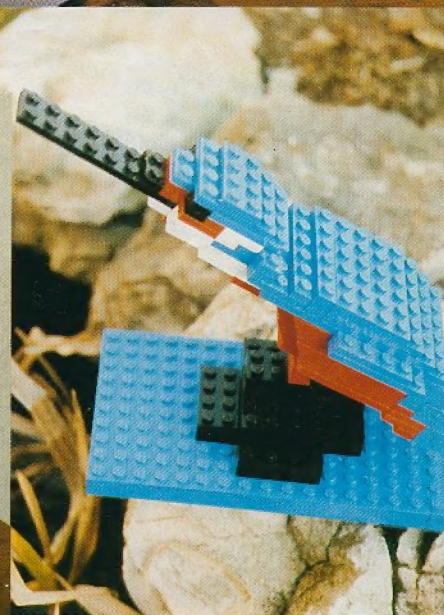
12

**11 Alex Mordue**  
had a little help from his  
Dad to build this model of a  
television camera man.

**12 Matthew Morris**  
had the idea for this  
amusing model after  
watching a film.



7



9

**13 David Forster**  
sent us this well thought-out  
model of the Isle of Wight, the  
main towns on the Island  
light up and the names are  
from an old LEGO set his  
older brother bought  
nearly twenty  
years ago.

**ALL OUR WINNERS**

Hard luck to those who didn't get in  
BUT keep sending in those photo's  
**YOU** WINNER  
Next Time



# Castle Draco Competition WINNERS

We do hope that the **Castle Draco** competition did not prove too difficult for you. A number of enquiries have been made about Leeds Castle. Some of you thought the castle was in Yorkshire but in fact it is in Kent. However, this didn't fox many of you, we have had thousands of correct entries making it difficult to choose the winners.

*Here are the winners:*

DAVID ANDERSON, Hill-of-Beath, Fife  
LAWRENCE NEWLAND, Reading  
THOMAS GEORGE, Harpenden  
WAYNE SMITH, Northolt  
NICHOLAS BUNKER, Louth  
DANIEL WHITTAKER, Lincoln  
DAVID ANDERSON, Guisborough  
BEN TEMPLE, Chesterfield

HEATHER WOOD, St-Leonards-on-Sea  
JAMES MACDONALD, Stourbridge  
IAN ROBINSON, Solihull  
SIMON ROWETT, Prestwood  
SARAH PUMMELL, Rickmansworth  
TERRY PADGET, Eastbourne  
ANN-MARIE, Shepperton  
ANDREW NORTON, Walthamstow

DAVID BLACKWELL, Ware  
MARK DICKINSON, Ellesmere Port  
DARREN MALLETT, Tiptree

## HOT NEWS

Club Members, **James Summerbell** and **Alexis Bouras**, have been very busy recently writing their own **LEGO** magazine called **Hot News**.

**Hot News** comes out every month and contains reviews on new **LEGO** sets, comic strip adventures and lots of jokes and puzzles. **James** and **Alexis** write and draw all the features themselves and print the magazine for circulation among their school friends. Our congratulations to **James & Alexis** for an excellent magazine. Both have been awarded their Master Builder Award.



## STOP PRESS

### LEGO WORLD SHOW FOR DUBLIN AT CHRISTMAS

Members in Ireland will get a chance to see the Space Travel **LEGO World Show** in **Arnotts**, Henry Street Store, Dublin from **November 14th - January 10th**.

More details in the next issue.

## FUN RUN

**LEGO** Club member **Mark Short** of Durham is proud of his **LEGO** T-Shirt and wore it to run in the Spennymoor Round Table Junior fun run.

After completing the 5 mile course, **Mark** received a commemorative medal.





# DUFFY'S PAGE

## Hello Chums

Since our last issue I have had great fun producing several large murals (flat pictures) **Murals not Muriels**. Here is one I built for the coffee bar of one of our exhibition stands.

A good way of building shadows.

Look at the grid.



Shading on the coffee pot lid.

What a **relief**, you might say, to work **flat** out on a giant **LEGO picture** - so **study** the photos for good ideas, and its on the starting **grid** for the ...

## MOSAIC SUB OFFER

### Building Competition Poster

We want to see what sort of pictures you. You can build mosaics in two different ways, either build the picture into a "Wall of bricks" or build the picture on a base plate with studs uppermost.

You should send a photograph of your entry to: **Mosaic Competition, LEGO Club, Wrexham, Clwyd, LL13 7TQ**, to arrive **before 13th August**. Don't forget to tell us your age as there will be prizes for the best entries in each age group (8 years and under; 9 years and over).

If you can't get a photograph of your mosaic then draw us a picture on squared paper - with one square representing a **LEGO brick** - and colour it in **LEGO colours**. We look forward to seeing your entries.

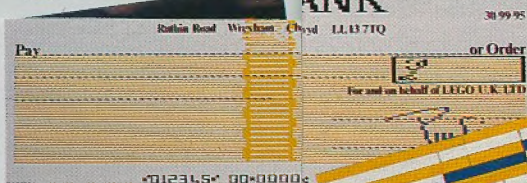
Yours flatly,

*Duffy*

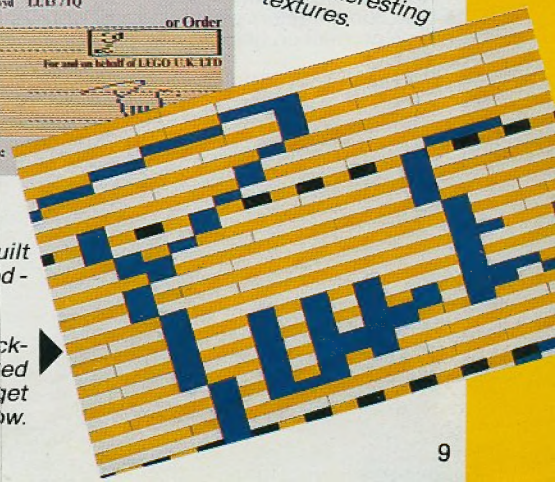
### Telethon Cheque

This is only one stud thick. I built it lying flat on a sheet of wood - not me - the picture, silly.

Look at the background. I've mixed white and yellow to get tones: light & dark yellow.



Use of different types of bricks to create interesting textures.





In this edition we have negotiated special rates for **LEGO Club members** at new places to go. Club members, on production of their membership cards, will get a special reduced admission rate and will be assured of a special welcome at every one of the following locations. We hope you all try the new and existing places to go.

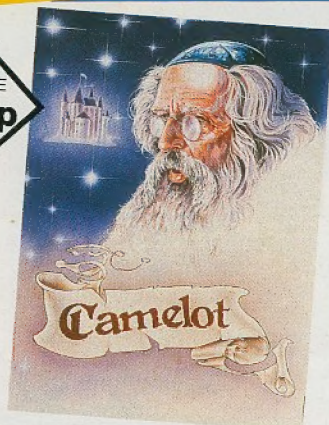
# Places To

# GO

## REMEMBER

Remember - always take your card with you and if you are travelling a long way check the opening times before you set off.

SAVE  
**45p**



### THE WONDERFUL WORLD OF CAMELOT

**Charmock Richard, Chorley, Preston, Lancs.**

The home of Puff Dragon, and the North's biggest Theme Park, with over 50 attractions. A great day out for all the family. The entrance fee enables you to enjoy all the rides free and as often as you like. There are many new attractions for 1986, including the live theatre shows and Cinema 180 and many new rides. Ample catering facilities and plenty of picnic areas and lots to photograph, if you forget your camera there is a Kodak free camera loan arrangement from the Souvenir Shop. The Park is open every day from 22nd March until October from 10 am until late. Club members can have a discount of 45p (£2.50 instead of £2.95). Club membership cards must be produced. For further details, ring (0257) 452090.

### EDINBURGH WAX MUSEUM

**High Street, Edinburgh**

Club members will have special price of 55p instead of 70p. Open all year round. For details, ring (031) 226 4445.

### BEAMISH OPEN AIR MUSEUM

**Stanley, Co. Durham**

Beamish is an Open Air Museum in County Durham which recreates northern life as it was around the turn of the century. Buildings from the region have been rebuilt at Beamish and fitted out as they once were, to show visitors how the people of the North of England lived and worked. This exciting venture is unlike most people's idea of a museum. Visitors are given every opportunity to enter the buildings and homes, to touch or handle exhibits and, in fact, one of the museum's publicity phrases is 'Experience Beamish'.

A new development for 1986 is a reconstructed 1920's town street, which joins the many other exhibits, which include HOME FARM, a COLLIERY, STATION and TRANSPORT COLLECTION. Beamish is open daily in the Summer and closed Mondays in the Winter.

**LEGO Club members** pay £1.00 instead of £1.50 on production of their membership cards.

Tel: Stanley (0207) 231811.

SAVE  
**50p**



### BALA LAKE RAILWAY

**Bala, Gwynedd**

Club members can travel on the railway at half fare when accompanied by a paying adult. The railway operates from April to September. For details, ring 06784 666.

HALF  
PRICE

### MODEL VILLAGE

**Babbacombe, Torquay, Devon**

Club members get a 10p reduction on production of their Club membership cards. For details, ring 0803 38669.

SAVE  
**10p**

### BLAIR DRUMMOND SAFARI AND LEISURE PARK

**Near Stirling**

Club members can enter free of charge when accompanied by two paying adults. The park is open from April until October, 10 a.m. until 4.30 p.m. For details, ring (0786) 841456.

FREE

### LEGOLAND PARK - DENMARK

Club Members visiting the LEGOLAND Park this summer can collect a free LEGOLAND Park poster from the "LEGO BUTIK" in the Park. The posters usually sell at 15 Danish Kroner (just over £1) each but are free as a special deal for LEGO Club Members.



There are four posters to choose from featuring the Boat Ride, The Indian Chief, The Space Shuttle, and the Dutch miniland scene. Remember to take this voucher with you as you will need it to claim your poster.

### DEAN FOREST RAILWAY

**Treorchy, Rhondda, Mid-Glamorgan**

The Dean Forest Railway is situated on the edge of the Royal Forest of Dean, near Lydney, in Glos. Established in 1970 the Railway has now become an established attraction in the area, attracting some 50,000 visitors a year. The Steam train gives unlimited rides to visitors for some 2/3rd of a mile, whilst the site offers other amenities such as a museum, photographic display, a souvenir shop and hot and cold snacks in the restaurant car on steam days. Visitors are encouraged to walk around the site to see the restoration work being carried out on other locomotives, passenger coaches and wagons belonging to the steam era of the 1920's/30's. Ample provision for car parking and pleasant riverside walks together with picnic area.

**LEGO Club members** are entitled to a 10p discount on child admission (60p instead of 70p).

For further details, ring (0443) 773280.

SAVE  
**10p**



### WINDSOR SAFARI PARK

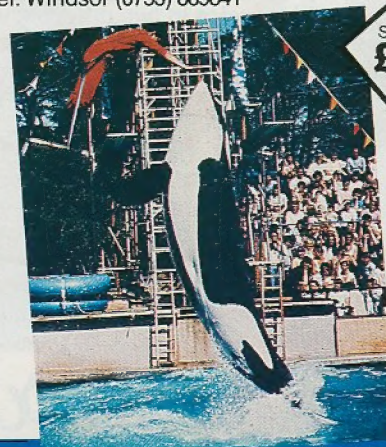
**Winkfield Road, Windsor, Berks SL4 4AY**

More to see and do than ever before at Britain's most exciting Safari Park. Major improvements have been carried out in the Mansion House, Burger Bar and Safari Lodge, and new attractions for 1986 include:

- \* New Walk-through Tropical Plant and Butterfly House
  - \* New Chimpanzee Enclosure
  - \* New "Noah's Ark" Adventure Playcentre
  - \* New Brown and Black Bear Reserve
  - \* and a unique New African Tiki Show
- PLUS** Lions, Tigers, Giraffes, Llamas, Camels, Baboons, Rhinos, Elephants and many more animals roaming free, to be seen from the safety of your coach or car. Don't miss feeding time! See the famous Dolphin and Killer Whale Show, the Parrot Show, Sealion Show, and "Birds of Prey Show." (\*Summer only). Entry to all shows, "Noah's Ark" Adventure Play-centre, Children's Zoo, "Rainbow" soft play centre and acres of picnic areas is free as all attractions are covered by a single all inclusive admission charge. Catering facilities include fast food cafeterias, licensed bar and refreshment kiosks. Club members have a reduction of £1.00 off the entrance fee on presentation of the special voucher enclosed in this magazine.

Tel: Windsor (0753) 869841

SAVE  
**£1**





# club shop



1



2



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3



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6

- 1902 Technic Rally Cap 85p  
1919 New LEGO Stickers 15p (1 sheet)  
1917 LEGO Club Patch 30p  
1910 T-Shirt Age 6 Chest 56cm Length 45cm £3.00  
1911 T-Shirt Age 8 Chest 60 cm Length 58cm £3.00  
1912 T-Shirt Age 10 Chest 64cm Length 55cm £3.00  
1913 T-Shirt Age 12 Chest 70cm Length 70cm £3.00  
1931 LEGO Club Pen £1.50 A Sheaffer ball point pen - ink colour blue (not suitable for children under 3)  
1920 New Club Badge 30p

## Special CLUB OFFER

This super truck is sure to look great on your bedroom wall. It's a special for LEGO Club members in the U.K. and is only available through your Club Shop. The poster is 50cm high by 70cm long and is yours for only £1.00.

Please use this special order form to order the poster and the Club Shop order form to order other items from the Club Shop.

Please send me \_\_\_\_\_ poster at £1.00 each. (Price includes postage and packing)

I enclose a cheque/postal order for

£ \_\_\_\_\_ payable to:

LEGO UK Limited.

Name \_\_\_\_\_

Address \_\_\_\_\_

Postcode \_\_\_\_\_

Please allow 28 days for delivery.



ONLY £1

## Jokes

Q. What do you call a man with a seagull on his head?

A. Cliff. Christopher Davies

Q. What do you call extra work for Elves?

A. Gnomework. Philip Hallows

Q. Doctor, Doctor, I feel like a bar of soap.

A. Well, that's life boy.

Peter Jones

Q. Why can't an elephant ride a bike?

A. Because he hasn't got a thumb to ring the bell.

R. Copeman

Q. Why is a clock shy?

A. It always has its hands in front of its face.

Richard Pearce

Q. What's green and goes up and down?

A. A gooseberry in a lift.

Hannah Petty

Patient. Doctor, Doctor, I feel like a bridge.

Doctor. Well what's come over you? Darren Redmond

Q. What's black and white and red all over?

A. A penguin with sunburn.

Norman Wan

Q. Why couldn't the sailors play cards?

A. Because the Captain was standing on the deck.

John & Paul McCann

### SEND TO:

THE LEGO CLUB  
CLUB SHOP  
WREXHAM, CLWYD LL13 7TQ

Item Number	Quantity	Price per Quantity	Total Price
1902		85p	
1910		3.00	
1911		3.00	
1912		3.00	
1913		3.00	
1917		30p	
1919		15p	
1920		30p	
1931		1.50	
Plus Postage and Packing			35p
Total Price			

Name \_\_\_\_\_

Address \_\_\_\_\_

Postcode \_\_\_\_\_

Cheque/Postal Order should be made payable to LEGO UK LIMITED

Please allow 28 days for delivery



## BRIGHTON Exhibition Centre

From August 2nd the Brighton Exhibition Centre will be host to the very latest **LEGO WORLD SHOW** - "Travel in Space" seen in the UK for the first time.

The show contains 13 models which show the development of Space Travel through the ages from Jules Verne's early ideas for a moon ship in 1865 to the Viking Lander which recently landed on Mars to take photographs and make geological tests before transmitting the results back to earth for further analysis. The centrepiece of the world show is a fantasy display of imaginary beings and their robot helpers which took 1,480 hours to build and used 100,000 **LEGO** bricks.

As well as these super space models there are large **LEGO** displays from Wrexham which include Duffy's Dinosaur, Peter Pan, Wind in the Willows, Wild West Scene and many more.

There will be lots to do and see at the Brighton **LEGO** World Show, make sure you don't miss it. It's on from August 2nd to 25th. Admission is free to Club Members only, so be sure and take your Membership Card, otherwise it will cost you 50p (75p for adults).

**ADMISSION  
FREE**



# LEGO® WORLD SHOWS



## WARRINGTON Golden Square

The LEGO World Circus Show opens in Warrington's Golden Square Centre on July 25th.

Our Danish model makers have used over 100,000 **LEGO** bricks to build seven circus scenes showing the different acts you would expect to see in a circus. There are acrobats, strongmen, dancing horses, and of course lots of **LEGO** Clowns.

The show also includes displays showing the wide range of **LEGO** sets currently available and a play area for some practical experimentation.

Open July 25th - August 30th

**ADMISSION FREE**

The beautiful Lipizzaner horses from the famous Spanish School in Vienna. This circus scene took 87 hours to complete and uses just under 5,000 **LEGO** bricks.



## LIGHT & SOUND SYSTEM

1986 is the year of **LIGHT & SOUND**. This is what every model builder needs to bring **LEGOLAND** Town and Space models to life. There are five models featuring **Light & Sound**. Three for **LEGOLAND** Space and two for **LEGOLAND** Town. Available from mid-July, the Fire Engine and Police Van have two-tone sirens and different coloured covers for the lights.

The prices for these models range from around **£10.00** for the **Police Van** and **£11.95** for the **Fire Engine**. Also available in July will be **Magma Robot** with moveable arms, price around **£11.95**. The set also contains two Astronauts. The **Magma Starship** with four flashing lights and a siren completes the new sets for July. Later in the year there'll be the biggest **Light & Sound** model of all, the **Scorpio Modular Transporter** which will sell at around **£25**. The new system is powered by a 9 volt battery (not included in the set) which fits in a special battery box and the connections are made through metal strips which are already in the **LEGO** bricks, so there is no need to have any connecting leads trailing around the model. If you have any problems locating these new sets contact **Shan** at the **LEGO** Club.

